

WHAT IS CLAIMED IS:

1. A manufacturing method of an insulation displacement connector for a conducting wire, comprising steps of:

- (a) providing a main body;
- (b) setting a terminal/plural terminals disposed in said main body;
- (c) providing a pivotable cover on said main body;
- (d) placing a conducting wire between said terminal and said pivotable cover; and
- (e) pivoting said pivotable cover against said main body, thereby said terminal piercing into said conducting wire and electrically connecting therewith.

2. The method as claimed in claim 1, wherein said main body further comprises an pivot element for pivoting said pivotable cover and said main body.

3. The method as claimed in claim 1, wherein said pivotable cover has a wide surface for applying a pivoting force.

4. The method as claimed in claim 1, wherein said main body further comprises a mortise for fastening a tenon on said pivotable cover.

5. The method as claimed in claim 1, wherein said terminal is located in an injection molding device and an injection molding material is injected into said injection molding device to form a terminal seat so that said terminal is simultaneously encapsulated and assembled with said terminal seat.

6. The method as claimed in claim 5, wherein said pivotable cover further comprises a concave hollow for containing and covering said terminal seat.

7. The method as claimed in claim 5, wherein said main body further comprises a locating plate to fix a position of said terminal seat, and said

locating plate and said terminal seat are formed integrally.

8. The method as claimed in claim 1, wherein said pivot element is a lug for serving as a pivoting axis of said pivotable cover and said pivotable cover further comprises a lug hole to contain said lug.

9. The method as claimed in claim 1, wherein said pivotable cover has a plurality of wire holes for passing therethrough said conducting wire.

10. An insulation displace connector for a conducting wire, comprising:

- a main body with a pivot element;

- a terminal disposed in said main body; and

- a pivotable cover pivotably connected to said main body, wherein when said pivotable cover is pivoted toward said main body, a conducting wire located between said terminal and said pivotable cover is pierced by said terminal and said conducting wire and said terminal are electrically connected to each other thereby.

11. The connector as claimed in claim 10, wherein said pivot element is a lug for serving as a pivoting axis of said pivotable cover and said pivotable cover further comprises a lug hole to contain said lug.

12. The connector as claimed in claim 10, wherein said pivotable cover has a plurality of wire holes for passing therethrough said conducting wire.

13. The connector as claimed in claim 10, wherein said terminal is disposed on a terminal seat.

14. The connector as claimed in claim 13, wherein said pivotable cover further comprises a concave hollow for containing and covering said terminal seat.

15. The connector as claimed in claim 13 further comprising a locating plate for positioning said terminal seat and said locating plate and said terminal seat are integrally formed.

16. The connector as claimed in claim 15, wherein said locating plate comprises an extended tenon for fastening an internal mortise of said main body.

17. The connector as claimed in claim 15, wherein said locating plate has a curved opening for passing therethrough a cable.

18. The connector as claimed in claim 10, wherein said terminal is soldered on a printed circuit board for being electrically connected to a gold-finger.

19. The connector as claimed in claim 10, wherein said terminal has a plurality of pin-points for displacing said conducting wire.

20. The connector as claimed in claim 10, further comprising at least another said terminal.

21. An insulation displacement connector for a conducting wire, comprising:

- a main body with a pivot device;

- a terminal disposed in said main body; and

- a pivotable device pivotably connected to said main body, wherein when said pivotable device is pivoted toward said main body, a conducting wire located between said terminal and said pivotable device is pierced by said terminal and said conducting wire and said terminal are electrically connected to each other thereby.

22. The connector as claimed in claim 21, wherein said pivotable device is a pivotable cover.